



Crop Weather Report

Issue: 07-11
Issued: Weekly: Apr-Oct
Monthly: Nov-Mar

Montana Field Office · 10 W 15th St, Suite 3100 · Helena, MT 59626
(406) 441-1240· (406) 441-1250 FAX · www.nass.usda.gov/mt

Released: May 21, 2007
For the Week Ending:
May 20, 2007

Weather Summary

Montana received scattered precipitation last week. Glendive got 1.27 inches of moisture during the week, the most in the state. Albion reached 95 degrees, making it the hot spot for two weeks in a row. West Yellowstone had the low of 20 degrees again this week. Topsoil moisture adequate and surplus is 81 percent, below last week's 91 percent but above last year's 48 percent. Subsoil moisture adequate and surplus, at 67 percent, is down from last week's 75 percent but is higher than last year's 53 percent. The number of days suitable for fieldwork was 5.5, down from last week's 5.7 days.

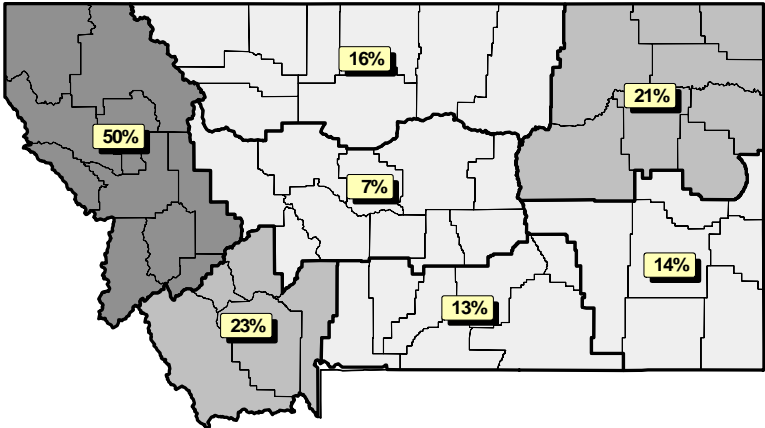
The weather outlook for May 28th through June 3rd is for near normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are for highs in the mid 60s to the mid 70s and lows ranging from the lower 30s to 50 degrees.

Livestock Report

Range and pasture feed conditions are continuing to improve with 66 percent rated good to excellent compared with 59 percent the previous week. Almost all pastureland is open for grazing. Only 16 percent of cattle and 15 percent of sheep are receiving supplemental feed.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Receiving Supplemental Feed				
Cattle & Calves	16	33	21	n/a
Sheep & Lambs	15	31	19	n/a
Livestock Grazing				
Open	98	93	n/a	n/a
Difficult	2	3	n/a	n/a
Closed	0	4	n/a	n/a
Moved to Summer Ranges				
Cattle & Calves	62	40	67	n/a
Sheep & Lambs	58	40	57	n/a
Livestock Birthing				
Lambing Complete	93	91	92	92
Range and Pasture Feed Condition				
Very Poor	1	0	1	12
Poor	6	7	5	19
Fair	27	34	36	33
Good	48	49	48	30
Excellent	18	10	10	6

Cattle Receiving Supplemental Feed - Montana
by District for week ending May 20, 2007



Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	2	0	10	12
Short	17	9	42	29
Adequate	66	74	45	54
Surplus	15	17	3	5
Subsoil Moisture				
Very Short	8	4	9	26
Short	25	21	38	34
Adequate	58	66	51	39
Surplus	9	9	2	1
Days Suitable for Fieldwork				
Days	5.5	5.7	6.7	5.1
Field Tillage Work in Progress				
None	1	2	0	n/a
Just Started	5	8	4	n/a
Well Underway	94	90	96	n/a

Field Crops Report

Scattered thunderstorms with hail in one south central county caused some damage to sugar beets, corn, and other crops. Some sugar beet fields in the northeastern part of the state got rained out. Warm weather has all crops emerging faster than last year. Twenty-seven percent of winter wheat is in the boot stage compared with 19 percent last year and a five-year average of 12 percent. Winter wheat good and excellent, at 76 percent, is similar to last week but is far ahead of last year's 54 percent and the five-year average of 45 percent.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Barley	94	85	92	88
Spring Wheat	91	84	89	85
Durum Wheat	86	85	73	63
Oats	87	81	79	74
Lentils	93	89	80	n/a
Corn	84	65	69	68
Sugar beets	99	92	98	97
Emerged				
Barley	67	48	59	57
Spring Wheat	59	33	44	49
Durum Wheat	41	30	22	25
Oats	60	39	48	44
Dry Peas	65	35	41	n/a
Lentils	49	14	23	n/a
Corn	53	4	18	25
Sugar beets	84	38	72	69
Boot Stage				
Winter Wheat	27	13	19	12

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	0	1	1	8
Poor	3	3	10	16
Fair	21	21	35	31
Good	43	46	40	36
Excellent	33	29	14	9

Weather Information for the Week ending 05/20/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	87	33	59	64	+44	0.00	-0.42	1.13	-0.90	56	11.74	+4.00	152
Anaconda	80	31	55	41	+34	0.07	-0.49	3.10	+0.29	110	9.22	+2.12	130
Clinton	85	30	56	42	+22	0.17	-0.25	2.38	+0.35	117	11.10	+3.36	143
Corvallis	85	34	58	60	+38	0.09	-0.31	1.93	-0.05	97	4.77	-2.94	62
Creston	79	36	57	48	+29	0.31	-0.25	2.87	-0.03	99	7.52	-3.63	67
Deer Lodge	81	29	53	30	+25	0.19	-0.23	2.26	+0.43	123	5.52	+0.82	117
Drummond	81	26	56	41	+25	0.05	-0.37	2.47	+0.30	114	6.21	-0.82	88
Hamilton	84	37	60	74	+52	0.12	-0.28	2.04	+0.06	103	6.02	-1.69	78
Kalispell	79	36	55	38	+19	0.26	-0.16	2.05	-0.15	93	7.95	-1.80	82
Missoula	86	36	61	76	+56	0.00	-0.42	1.61	-0.42	79	7.11	-0.63	92
Olney	80	29	50	21	+8	0.20	-0.29	1.02	-1.62	39	12.72	-2.27	85
Polson	79	37	57	52	+26	0.00	-0.53	3.75	+1.12	143	8.60	-0.64	93
St Ignatius	80	36	57	54	+26	0.02	-0.54	2.99	+0.15	105	8.34	-0.74	92
Seeley Lake	82	31	58	58	+49	0.05	-0.41	1.72	-0.76	69	12.26	-2.51	83
Sula	81	28	55	38	+31	0.12	-0.44	3.57	+0.74	126	8.95	-0.17	98
Superior	87	35	61	75	+43	0.11	-0.29	1.44	-0.75	66	11.25	+0.49	105
Swan Lake	82	34	55	42	+27	0.10	-0.46	3.25	+0.16	105	19.00	-0.15	99
Thompson Falls	81	36	57	49	+11	0.27	-0.22	2.55	-0.22	92	20.08	+3.50	121
West Glacier	79	32	55	37	+22	0.12	-0.49	3.00	-0.26	92	19.85	+0.75	104
NORTH CENTRAL													
Chester	84	30	55	41	+10	0.21	-0.21	2.68	+0.87	148	6.42	+2.20	152
Chinook	84	37	56	46	+2	0.83	+0.34	4.15	+1.70	169	7.94	+2.75	153
Choteau	82	30	56	52	+23	0.01	-0.46	2.39	+0.41	121	4.10	+0.15	104
Cut Bank	80	32	55	50	+33	0.00	-0.52	0.56	-1.55	27	1.04	-3.40	23
Ft Assinniboine	85	38	57	52	+10	0.75	+0.26	2.87	+0.63	128	6.38	+1.12	121
Fort Benton	87	30	58	63	+21	0.17	-0.43	2.67	-0.06	98	7.00	+0.15	102
Goldbutte	81	32	56	45	+21	0.13	-0.39	3.05	+0.80	136	7.17	+2.17	143
Harlem	83	34	56	43	+3	0.36	-0.06	4.31	+2.32	217	7.32	+2.72	159
Havre	85	36	57	53	+15	0.70	+0.32	3.46	+1.52	178	6.85	+1.92	139
Malta	87	40	60	73	+41	0.52	+0.00	2.81	+0.58	126	5.59	+0.73	115
Rudyard	84	29	54	43	-2	0.26	-0.38	3.29	+0.59	122	6.60	+0.52	109
Shelby	81	29	55	43	+19	0.02	-0.49	2.57	+0.40	118	5.97	+1.43	131
Turner	81	33	56	43	+11	0.38	-0.14	3.04	+0.81	136	4.87	+0.01	100
Valier	80	31	57	59	+35	0.00	-0.51	2.22	+0.05	102	4.16	-0.38	92
NORTHEAST													
Bredette	84	35	58	54	+15	0.90	+0.44	2.78	+0.83	143	5.81	+1.57	137
Culbertson	87	27	59	67	+24	0.91	+0.39	2.42	-0.10	96	5.73	+0.48	109
Glasgow	87	40	59	66	+23	0.45	+0.03	2.38	+0.65	138	4.49	+0.44	111
Glendive	90	40	63	91	+34	1.27	+0.79	3.51	+1.11	146	6.82	+1.44	127
Jordan	87	36	59	65	+18	0.97	+0.43	4.04	+1.48	158	6.35	+0.80	114
Nashua	89	39	61	82	+39	0.73	+0.31	3.89	+2.16	225	6.41	+2.36	158
Opheim	81	31	55	41	+11	0.56	+0.07	1.97	+0.27	116	3.96	+0.23	106
Plentywood	87	30	57	53	+15	0.88	+0.39	2.51	+0.38	118	4.85	+0.37	108
St Marie	83	38	59	62	+19	0.99	+0.57	3.44	+1.71	199	4.96	+0.91	122
Scobey	83	30	57	50	+11	1.10	+0.64	3.11	+1.16	159	5.43	+1.19	128
Sidney	88	35	61	80	+27	0.87	+0.39	3.12	+0.71	129	5.75	+0.20	104
Wolf Point	86	35	58	60	+12	0.66	+0.10	2.48	-0.41	86	4.13	-2.19	65
CENTRAL													
Cascade	81	23	52	33	+20	0.00	-0.68	2.43	-0.50	83	6.48	-0.20	97
Grass Range	81	32	56	45	+15	0.59	-0.22	3.57	+0.03	101	9.50	+1.78	123
Great Falls	84	32	57	65	+36	0.04	-0.54	3.16	+0.22	107	7.75	-0.06	99
Harlowton	85	27	55	49	+26	1.11	+0.53	3.35	+0.95	140	8.04	+2.25	139
Helena	86	36	61	81	+56	0.02	-0.40	1.44	-0.61	70	4.55	-0.94	83
Lewistown	81	29	55	50	+34	0.69	-0.10	2.88	-0.32	90	8.15	-0.42	95
Martinsdale	85	24	54	34	+19	0.33	-0.24	1.71	-0.68	72	5.38	-0.34	94
Neihart	79	27	53	41	+34	0.18	-0.70	3.46	-0.41	89	12.86	+2.50	124
Rogers Pass	82	28	55	54	+31	0.10	-0.45	3.30	+0.82	133	7.95	+2.18	138
Roundup	90	32	61	75	+31	0.34	-0.22	2.84	+0.36	115	7.29	+1.78	132
Ryegate	83	30	55	46	+33	0.98	+0.49	3.26	+1.04	147	7.58	+2.22	141
Stanford	80	31	55	48	+30	0.64	-0.11	2.96	-0.26	92	7.66	+0.21	103
Townsend	83	31	58	58	+29	0.30	-0.12	1.77	-0.01	99	4.74	+0.10	101
Valentine	85	32	56	50	+19	0.78	+0.08	2.66	-0.38	88	7.10	+0.70	112
Wht Sulphur Spr	83	28	55	42	+37	0.10	-0.46	1.32	-1.20	52	4.21	-3.91	52
SOUTHWEST													
Boulder	79	30	56	51	+36	0.04	-0.38	1.45	-0.46	76	4.65	-0.37	93
Bozeman	84	34	59	65	+44	0.55	-0.20	4.20	+0.36	109	14.68	+4.35	142
Butte	79	28	55	43	+36	0.19	-0.23	2.08	+0.07	103	6.03	+0.68	113
Dillon	82	31	57	57	+41	0.02	-0.40	2.04	+0.06	103	5.49	+1.21	128
Ennis	81	29	56	46	+29	0.60	+0.11	2.27	-0.13	95	7.72	+1.79	130
Lakeview	80	29	55	43	+42	0.00	-0.53	1.25	-1.68	43	8.11	-2.92	74
W Yellowstone	76	20	50	12	+12	0.00	-0.46	2.23	-0.53	81	9.17	-4.78	66
Wisdom	79	22	53	34	+34	0.04	-0.31	2.33	+0.54	130	8.17	+2.59	146
SOUTH CENTRAL													
Billings	87	39	62	85	+46	0.02	-0.59	3.08	-0.30	91	8.92	+0.07	101
Cooke City	79	29	55	41	+41	0.04	-0.58	2.14	-1.30	62	8.03	-7.23	53
Gardiner	83	35	59	64	+38	0.00	-0.37	0.52	-1.08	33	4.34	-0.71	86
Hardin	89	36	64	96	+58	0.35	-0.23	2.74	-0.69	80	8.12	-0.81	91
Huntley	90	30	60	73	+36	0.30	-0.26	3.04	-0.02	99	7.83	+0.59	108
Hysham	86	38	61	75	+24	0.10	-0.49	3.03	+0.10	103	8.22	+1.65	125
Joliet	87	31	58	60	+27	0.01	-0.76	2.83	-1.20	70	8.70	-0.59	94
Livingston	83	25	56	53	+29	0.07	-0.63	3.15	-0.09	97	9.22	+1.55	120
Nye	83	27	59	66	+42	0.06	-0.64	3.37	+0.13	104	8.59	+0.92	112
Rapelje	85	30	57	54	+29	0.34	-0.31	3.23	+0.15	105	7.61	-0.33	96
SOUTHEAST													
Albion	95	29	60	74	+38	0.10	-0.46	2.62	-0.27	91	6.99	+0.86	114
Baker	83	36	58	58	+15	0.44	-0.05	4.02	+1.31	148	7.63	+1.42	123
Broadus	86	37	63	90	+49	0.00	-0.56	5.14	+2.16	172	9.49	+2.56	137
Ekalaka	80	30	58	65	+26	0.38	-0.24	4.50	+1.25	138	10.00	+2.73	138
Miles City	87	39	62	85	+32	0.59	+0.08	4.13	+1.43	153	6.93	+0.53	108
Plevna	83	35	61	76	+33	0.65	+0.16	3.85	+1.14	142	8.20	+1.99	132
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days													